

CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

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COUNTRY	East Germany	REPORT		25X1
SUBJECT	VEB Funkwerk Koepenick: Development of a Megawatt Broadcasting Transmitter	DATE DISTR.	14 March 1955	
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THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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1. The 1955 Research and Development Plan of VEB Funkwerk Koepenick provides funds for the continuation of the development of a megawatt anode-modulated long-wave broadcasting transmitter. The development is being supervised by Volkmar Reckstedt in Department TES, headed by Eng. Heinz Braunhold, of the enterprise<sup>1</sup>.
2. As of early January 1955, the development status of the project was as follows:
  - a. The pilot oscillator stage was completed.
  - b. All modulation transformers were completed.
  - c. The water-cooled condensers of the final stages were completed. These condensers consist of ceramic condensers of about 70x50x50 cm, through which water flows continuously in order to dispose of the heat generated by the reactance output.
  - d. Since it is considered extremely difficult to obtain the desired performance with a single final stage, the final stage will consist of a number of final stage sections in series connection. The number of sections has not yet been definitely decided. At present experiments are made with an unspecified number of final stage sections in series connection. The tubes for these sections were delivered by VEB Roehrenwerk "Anna Seghers" in Neustadt.

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